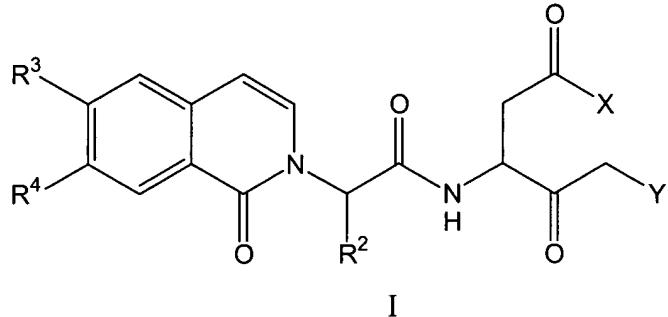


Amendments to the Claims

This listing will replace all prior versions, and listings, of claims in the application.  
Please amend the claims as follows:

1. (Previously presented) A compound of formula I:



wherein:

X is -OR<sup>1</sup> or -N(R<sup>5</sup>)<sub>2</sub>,

Y is halo, trifluorophenoxy, or tetrafluorophenoxy;

R<sup>1</sup> is:

C<sub>1-6</sub> straight chained or branched alkyl, or C<sub>2-6</sub> straight chained or branched alkenyl or alkynyl, wherein the alkyl, alkenyl, or alkynyl is optionally substituted with optionally substituted phenyl, CF<sub>3</sub>, Cl, F, OMe, OEt, OCF<sub>3</sub>, CN, or NMe<sub>2</sub>;

C<sub>3-6</sub> cycloalkyl, wherein 1-2 carbon atoms in the cycloalkyl is optionally replaced with -O- or -NR<sup>5</sup>-;

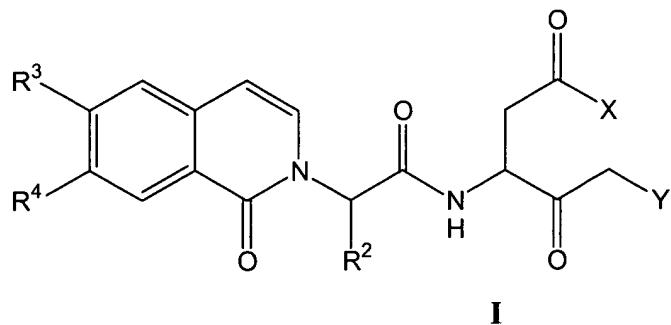
R<sup>2</sup> is C<sub>1-6</sub> straight chained or branched alkyl;

R<sup>3</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>;

R<sup>4</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

each R<sup>5</sup> is independently H, C<sub>1-6</sub> straight chained or branched alkyl, aryl, -O-C<sub>1-6</sub> straight chained or branched alkyl, or -O-aryl.

2. (Previously presented) A compound of formula I:



wherein:

X is -OR<sup>1</sup> or -N(R<sup>5</sup>)<sub>2</sub>,

Y is halo, trifluorophenoxy, or tetrafluorophenoxy;

R<sup>1</sup> is:

C<sub>1-6</sub> straight chained or branched alkyl, or C<sub>2-6</sub> straight chained or branched alkenyl or alkynyl, wherein the alkyl, alkenyl, or alkynyl is optionally substituted with phenyl or CF<sub>3</sub>, or C<sub>3-6</sub> cycloalkyl, wherein 1-2 carbon atoms in the cycloalkyl is optionally replaced with -O- or -NR<sup>5</sup>-;

R<sup>2</sup> is C<sub>1-6</sub> straight chained or branched alkyl;

R<sup>3</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>;

R<sup>4</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

R<sup>5</sup> is H, C<sub>1-6</sub> straight chained or branched alkyl, or -O-C<sub>1-6</sub> straight chained or branched alkyl; provided that if:

Y is F;

R<sup>2</sup> is isopropyl, R<sup>3</sup> is hydrogen, and R<sup>4</sup> is Cl; or

R<sup>2</sup> is ethyl, R<sup>3</sup> is hydrogen, and R<sup>4</sup> is Cl or CF<sub>3</sub>; or

R<sup>2</sup> is ethyl, R<sup>3</sup> is Cl or CF<sub>3</sub>, and R<sup>4</sup> is hydrogen; then

R<sup>1</sup> is not t-butyl; and if

Y is 2,3,5,6-tetrafluorophenoxy;

R<sup>2</sup> is ethyl; and

R<sup>3</sup> and R<sup>4</sup> are each hydrogen; or

R<sup>3</sup> is hydrogen and R<sup>4</sup> is Cl or CF<sub>3</sub>; or

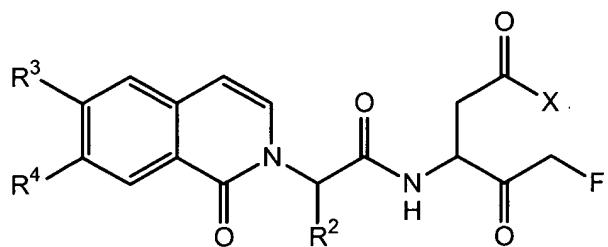
R<sup>3</sup> and R<sup>4</sup> are each Cl; then

R<sup>1</sup> is not t-butyl.

3. (Original) The compound according to claim 1 or claim 2, wherein R<sup>2</sup> is ethyl, n-propyl, or isopropyl.

4. (Previously presented) The compound according to claim 1 or claim 2, wherein Y is F, trifluorophenoxy, or tetrafluorophenoxy.

5. (Previously presented) The compound according to claim 1, having formula IA':

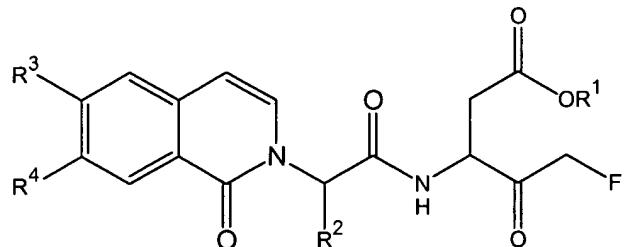


R<sup>2</sup> is ethyl, n-propyl, or isopropyl;

R<sup>3</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

R<sup>4</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>.

6. (Previously presented) The compound according to claim 1, having formula IA:



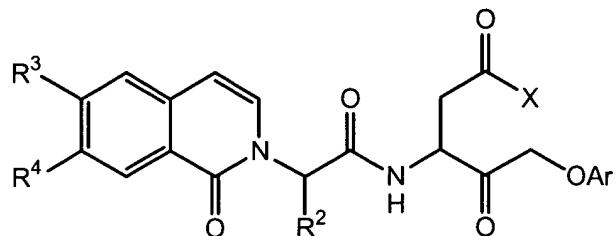
R<sup>1</sup> is C<sub>1-6</sub> straight chained or branched alkyl optionally substituted with phenyl or CF<sub>3</sub>;

R<sup>2</sup> is ethyl, n-propyl, or isopropyl;

R<sup>3</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

R<sup>4</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>.

7. (Previously presented) The compound according to claim 1, having the formula IB':



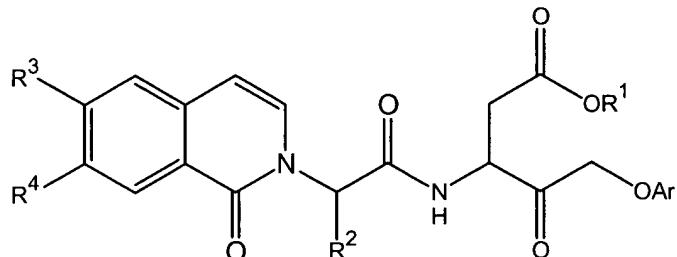
wherein:

R<sup>2</sup> is ethyl, n-propyl, or isopropyl;

R<sup>3</sup> and R<sup>4</sup> are each independently hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

Ar is trifluorophenyl or tetrafluorophenyl.

8. (Previously presented) The compound according to claim 1, having the formula IB:



wherein:

R<sup>1</sup> is C<sub>1-6</sub> straight chained or branched alkyl optionally substituted with phenyl or CF<sub>3</sub>;

R<sup>2</sup> is ethyl, n-propyl, or isopropyl;

R<sup>3</sup> and R<sup>4</sup> are each independently hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

Ar is trifluorophenyl or tetrafluorophenyl.

9. (Previously presented) The compound according to claim 8, wherein Ar is 2,3,5,6-tetrafluorophenyl.

10. (Previously presented) The compound according to any one of claims 5-9 and 40-44, wherein R<sup>2</sup> is ethyl.

11. (Previously presented) The compound according to any one of claims 5-9 and 40-44, wherein R<sup>3</sup> is H, and R<sup>4</sup> is F, Cl, or CF<sub>3</sub>.

12. (Previously presented) The compound according to any one of claims 5-6 and 40-41 wherein when Y is halo, then R<sup>3</sup> and R<sup>4</sup>, are not simultaneously hydrogen.

13. (Previously presented) The compound according to any one of claims 6, 8, 41, and 43 wherein X is -OR<sup>1</sup> and the R<sup>1</sup> is an alkyl group that is not substituted with phenyl or CF<sub>3</sub>.

14. (Previously presented) The compound according to claim 13 wherein X is -OR<sup>1</sup> and the R<sup>1</sup> is ethyl or propyl.

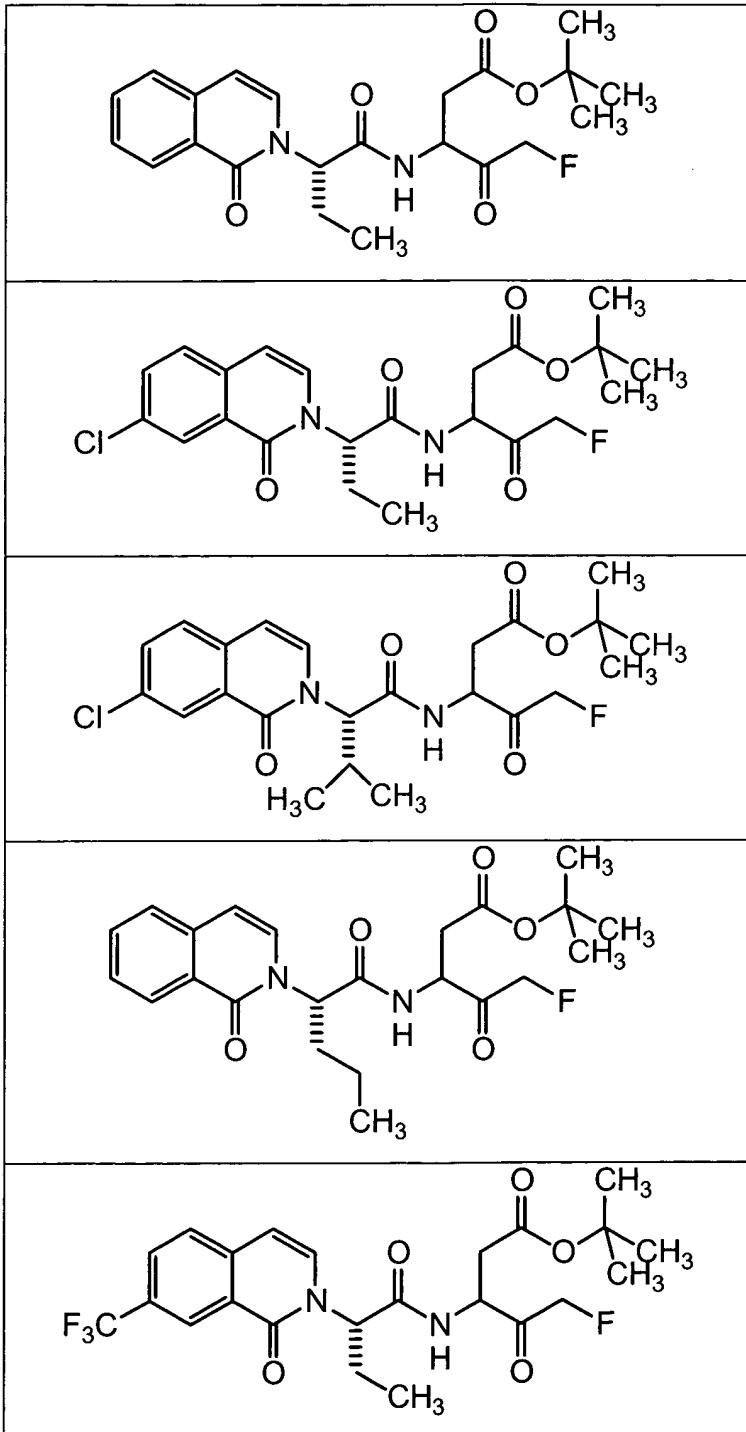
15. (Previously presented) The compound according to any one of claims 5, 7, 40, and 42, wherein X is -N(R<sup>5</sup>)<sub>2</sub>.

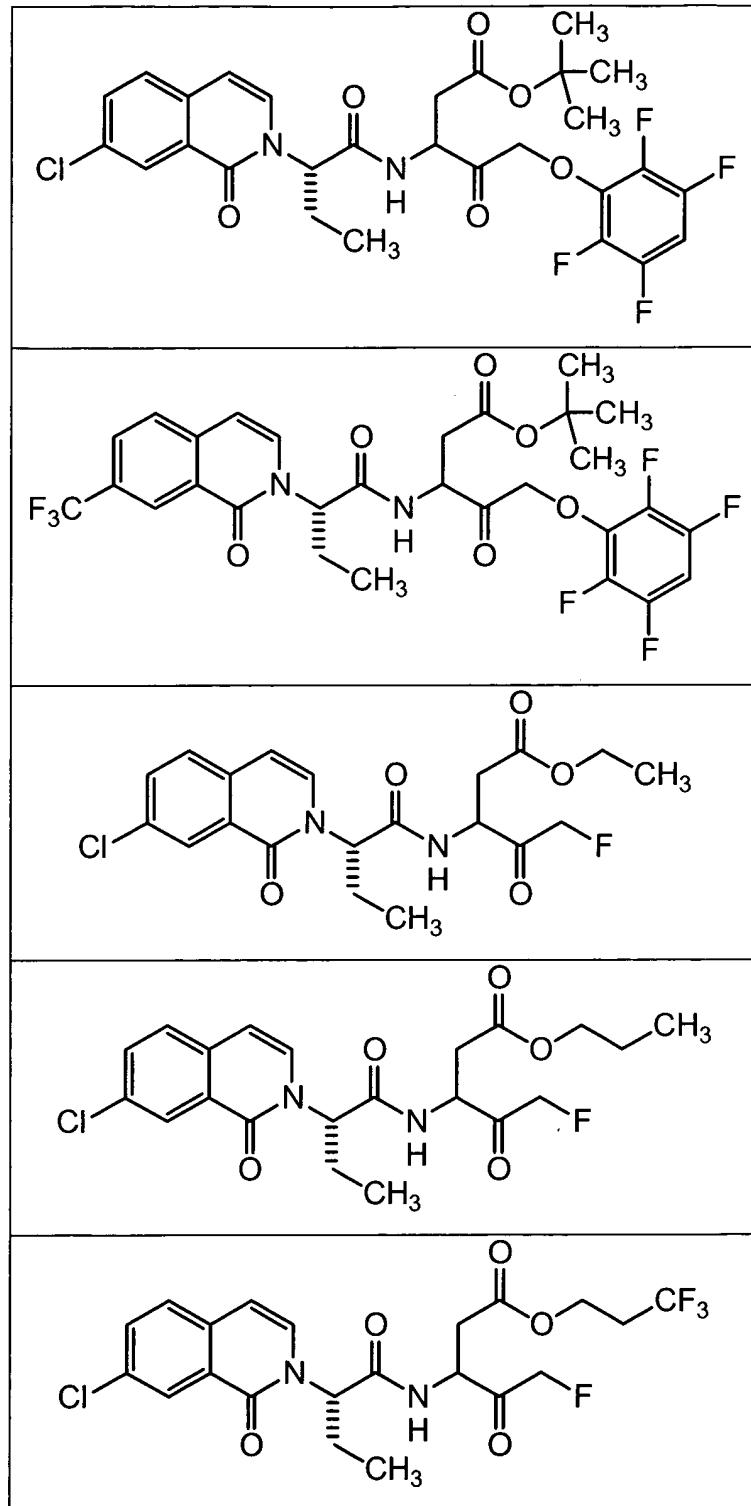
16. (Original) The compound according to claim 15 wherein X is -N(R<sup>5</sup>)<sub>2</sub> and one R<sup>5</sup> is C<sub>1-6</sub> straight chained or branched alkyl and the other R<sup>5</sup> is -O-C<sub>1-6</sub> straight chained or branched alkyl.

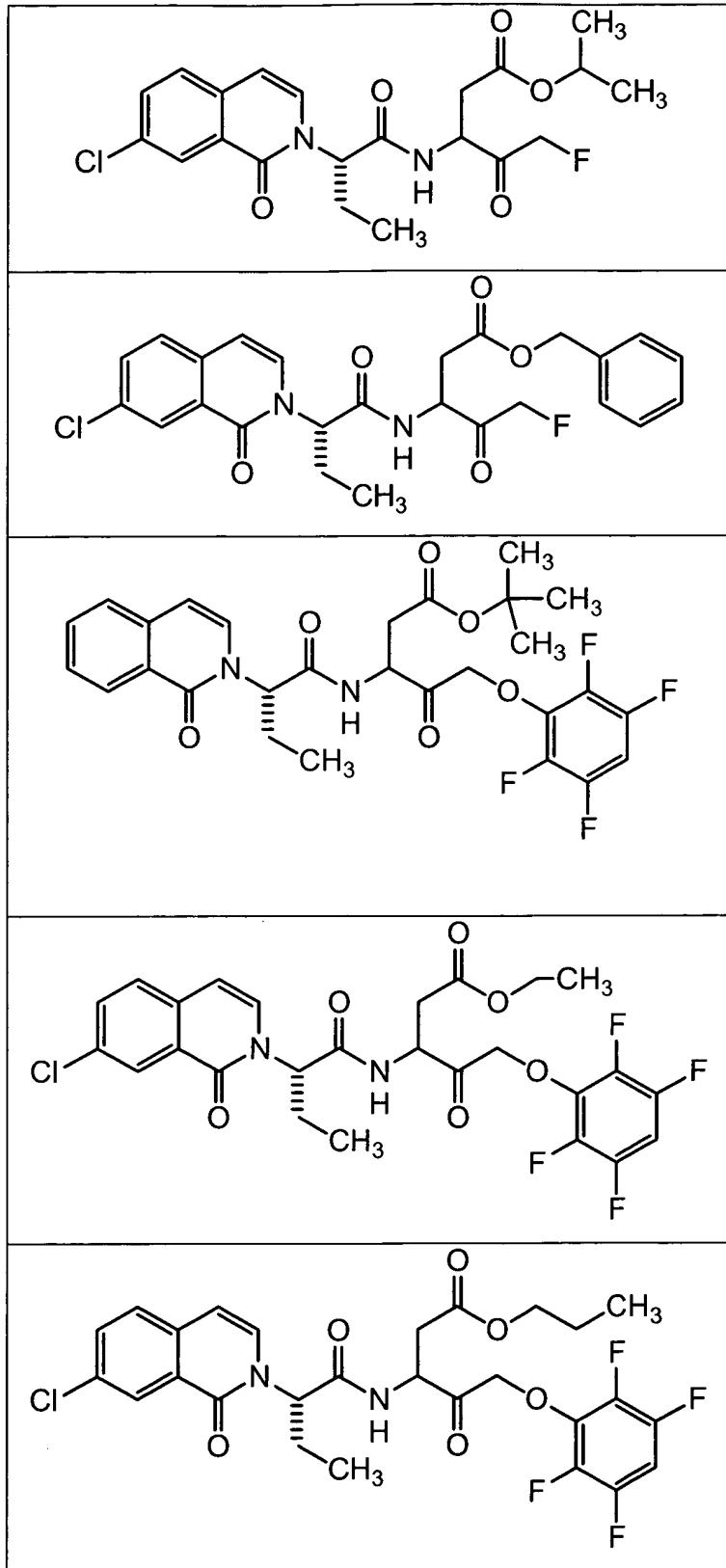
17. (Original) The compound according to claim 15 wherein X is -N(R<sup>5</sup>)<sub>2</sub> and one R<sup>5</sup> is H or -C<sub>1-6</sub> straight chained or branched alkyl and the other R<sup>5</sup> is -C<sub>1-6</sub> straight chained or branched alkyl.

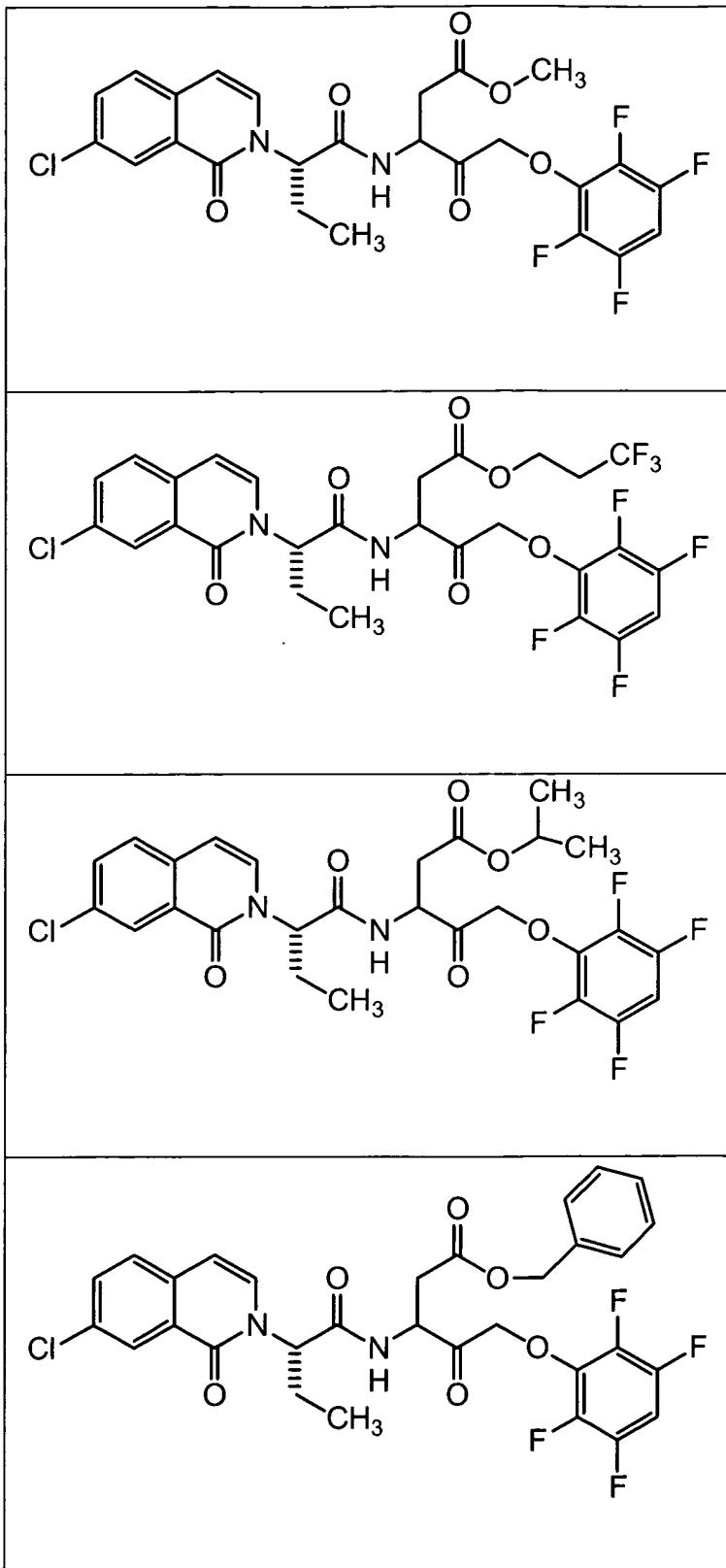
18. (Previously presented) The compound according to claim 15, wherein R<sup>5</sup> is methyl, ethyl, or propyl.

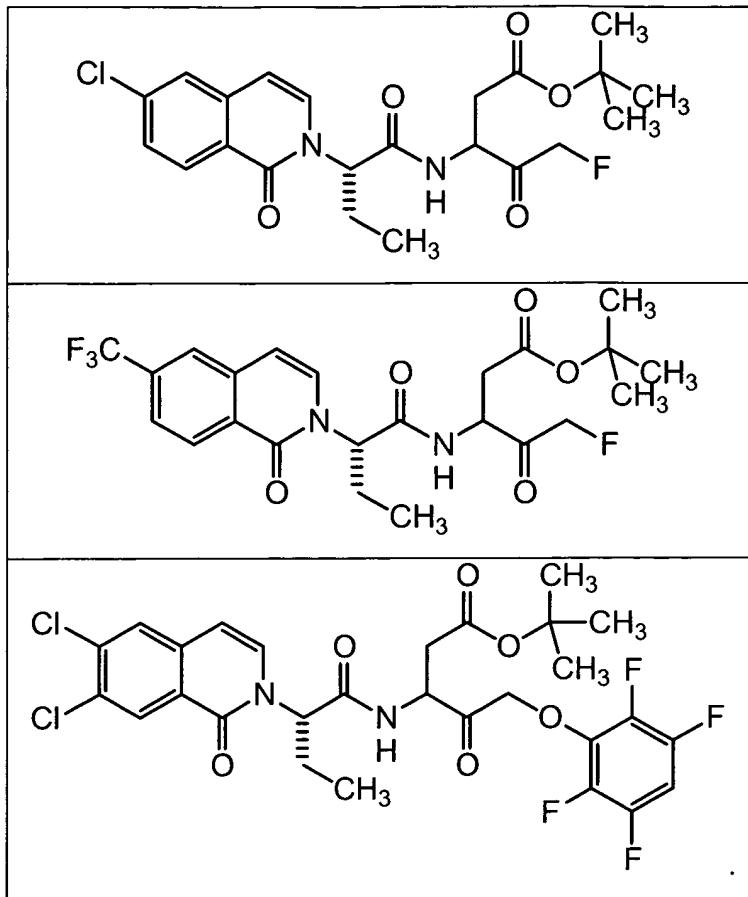
19. (Previously presented) A compound selected from the following compounds:









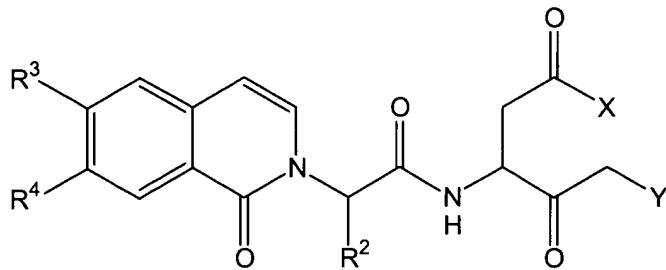


20. (Previously presented) A pharmaceutical composition comprising:

- a compound according to claim 1 or claim 2; and
- a pharmaceutically acceptable carrier, adjuvant or vehicle.

21-35. (Canceled)

36. (Previously presented) A process for preparing a compound of formula I:



I

wherein:

X is -OR<sup>1</sup> or -N(R<sup>5</sup>)<sub>2</sub>,

Y is halo, trifluorophenoxy, or tetrafluorophenoxy;

R<sup>1</sup> is:

C<sub>1-6</sub> straight chained or branched alkyl, or C<sub>2-6</sub> straight chained or branched alkenyl or alkynyl, wherein the alkyl, alkenyl, or alkynyl is optionally substituted with optionally substituted phenyl, CF<sub>3</sub>, Cl, F, OMe, OEt, OCF<sub>3</sub>, CN, or NMe<sub>2</sub>;

C<sub>3-6</sub> cycloalkyl, wherein 1-2 carbon atoms in the cycloalkyl is optionally replaced with -O- or -NR<sup>5</sup>-;

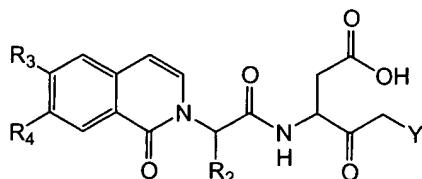
R<sup>2</sup> is C<sub>1-6</sub> straight chained or branched alkyl;

R<sup>3</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>;

R<sup>4</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

R<sup>5</sup> is H, C<sub>1-6</sub> straight chained or branched alkyl, aryl, -O-C<sub>1-6</sub> straight chained or branched alkyl, or -O-aryl;

comprising the step of reacting a compound of formula I':

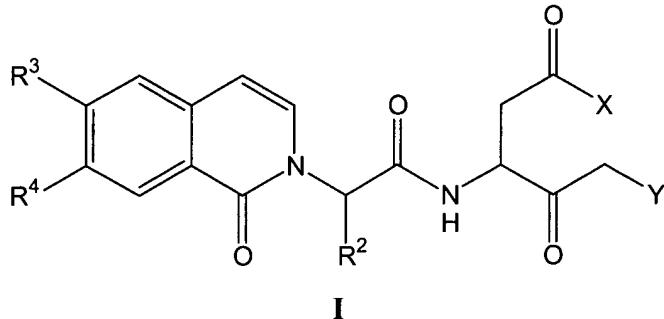


I'

wherein X, Y, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> are as defined for formula I;

under conditions forming an ester or amide bond to provide a compound of formula I.

37. (Previously presented) A process for preparing a compound of formula I:



wherein:

X is -OR<sup>1</sup> or -N(R<sup>5</sup>)<sub>2</sub>,

Y is halo, trifluorophenoxy, or tetrafluorophenoxy;

R<sup>1</sup> is:

C<sub>1-6</sub> straight chained or branched alkyl, or C<sub>2-6</sub> straight chained or branched alkenyl or alkynyl, wherein the alkyl, alkenyl, or alkynyl is optionally substituted with optionally substituted phenyl, CF<sub>3</sub>, Cl, F, OMe, OEt, OCF<sub>3</sub>, CN, or NMe<sub>2</sub>;

C<sub>3-6</sub> cycloalkyl, wherein 1-2 carbon atoms in the cycloalkyl is optionally replaced with -O- or -NR<sup>5</sup>-;

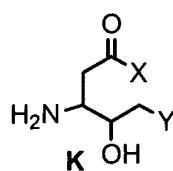
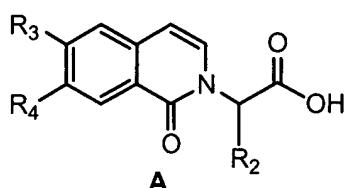
R<sup>2</sup> is C<sub>1-6</sub> straight chained or branched alkyl;

R<sup>3</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>;

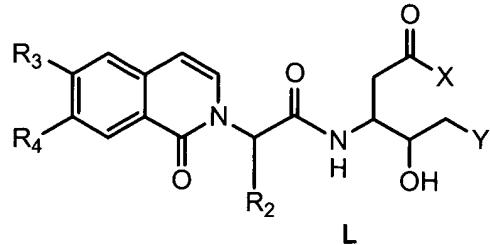
R<sup>4</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

R<sup>5</sup> is H, C<sub>1-6</sub> straight chained or branched alkyl, aryl, -O-C<sub>1-6</sub> straight chained or branched alkyl, or -O-aryl;

comprising the step of coupling a compound of formula A and a compound of formula K:

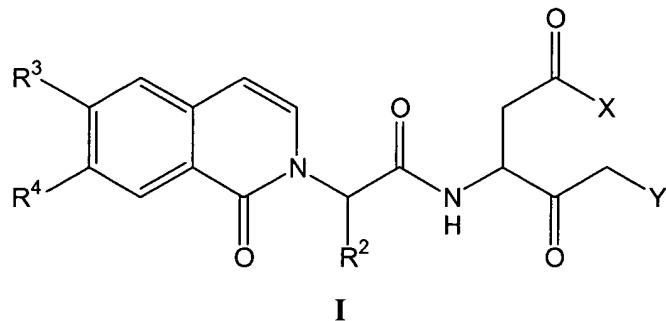


to provide a compound of formula L:



wherein X, Y, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> are as defined in formula I and wherein the hydroxy group in K is optionally protected.

38. (Previously presented) A process for preparing a compound of formula I:



wherein:

X is -OR<sup>1</sup> or -N(R<sup>5</sup>)<sub>2</sub>,

Y is halo, trifluorophenoxy, or tetrafluorophenoxy;

R<sup>1</sup> is:

C<sub>1-6</sub> straight chained or branched alkyl, or C<sub>2-6</sub> straight chained or branched alkenyl or alkynyl, wherein the alkyl, alkenyl, or alkynyl is optionally substituted with optionally substituted phenyl, CF<sub>3</sub>, Cl, F, OMe, OEt, OCF<sub>3</sub>, CN, or NMe<sub>2</sub>;

C<sub>3-6</sub> cycloalkyl, wherein 1-2 carbon atoms in the cycloalkyl is optionally replaced with -O- or -NR<sup>5</sup>-;

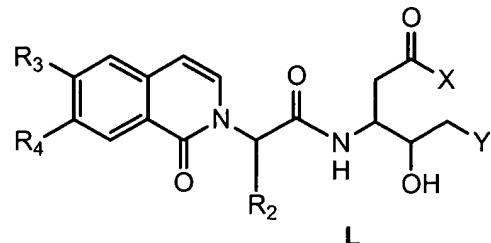
R<sup>2</sup> is C<sub>1-6</sub> straight chained or branched alkyl;

R<sup>3</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>;

R<sup>4</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

$R^5$  is H, C<sub>1-6</sub> straight chained or branched alkyl, aryl, -O-C<sub>1-6</sub> straight chained or branched alkyl, or -O-aryl;

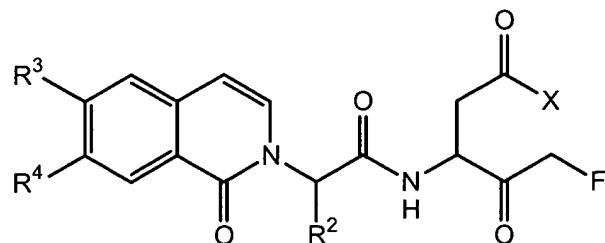
comprising the step of oxidizing a compound of formula L:



wherein X, Y, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> are as defined for formula I; to provide a compound of formula I.

39. (Original) The compound according to claim 9, wherein R<sup>2</sup> is ethyl.

40. (Previously presented) The compound according to claim 2, having formula IA':

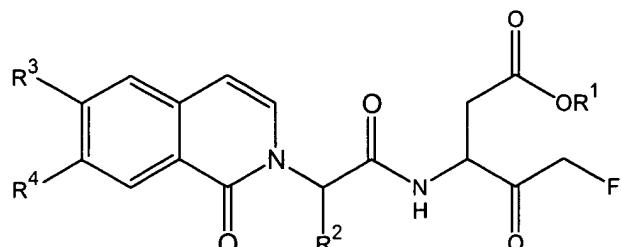


R<sup>2</sup> is ethyl, n-propyl, or isopropyl;

R<sup>3</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

R<sup>4</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>.

41. (Previously presented) The compound according to claim 2, having formula IA:



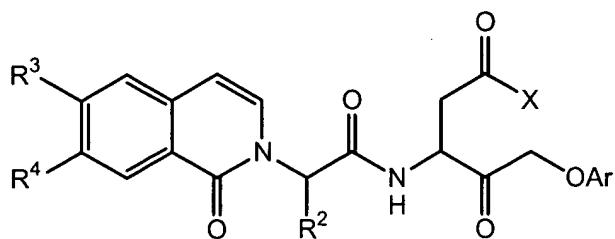
R<sup>1</sup> is C<sub>1-6</sub> straight chained or branched alkyl optionally substituted with phenyl or CF<sub>3</sub>;

R<sup>2</sup> is ethyl, n-propyl, or isopropyl;

R<sup>3</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

R<sup>4</sup> is hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>.

42. (Previously presented) The compound according to claim 2, having the formula IB':



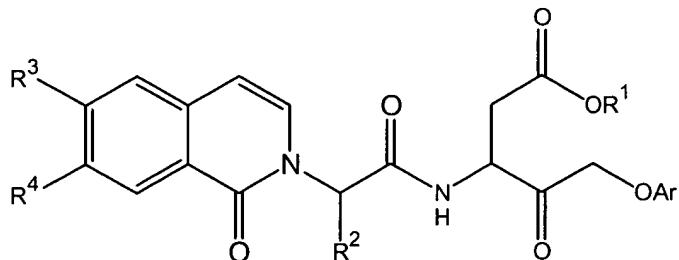
wherein:

R<sup>2</sup> is ethyl, n-propyl, or isopropyl;

R<sup>3</sup> and R<sup>4</sup> are each independently hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

Ar is trifluorophenyl or tetrafluorophenyl.

43. (Previously presented) The compound according to claim 2, having the formula IB:



wherein:

R<sup>1</sup> is C<sub>1-6</sub> straight chained or branched alkyl optionally substituted with phenyl or

CF<sub>3</sub>;

R<sup>2</sup> is ethyl, n-propyl, or isopropyl;

R<sup>3</sup> and R<sup>4</sup> are each independently hydrogen, halo, OCF<sub>3</sub>, CN, or CF<sub>3</sub>; and

Ar is trifluorophenyl or tetrafluorophenyl.

44. (Previously presented) The compound according to claim 43, wherein Ar is 2,3,5,6-tetrafluorophenyl.

45. (Previously presented) The compound according to any one of claims 40-43, wherein R<sup>2</sup> is ethyl.

46. (Previously presented) The compound according to any one of claims 40-43, wherein R<sup>3</sup> is H, and R<sup>4</sup> is F, Cl, or CF<sub>3</sub>.

47. (Previously presented) The compound according to claim 45 wherein when Y is halo, then R<sup>3</sup> and R<sup>4</sup>, are not simultaneously hydrogen.

48. (Previously presented) The compound according to claim 46 wherein when Y is halo, then R<sup>3</sup> and R<sup>4</sup>, are not simultaneously hydrogen.

49. (Previously presented) The compound according to claim 17, wherein the C<sub>1-6</sub> straight chained or branched alkyl is methyl, ethyl, or propyl.